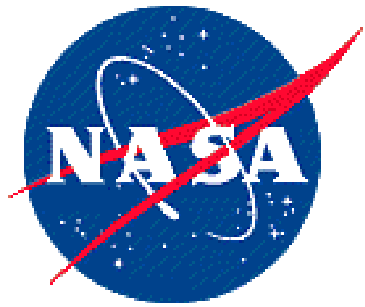




IRIS Status Presentation to the
NASA 2004 Safety and Health Managers Meeting
March 2, 2004

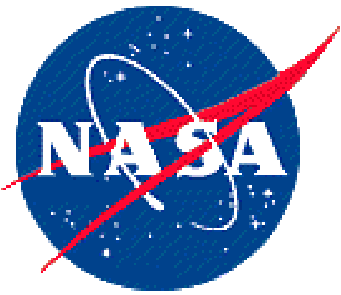




Presentation Goals



- Explain the importance of the web-IRIS program to both NASA and federal initiatives.
- Outline project goals for code Q/code Z interaction through use of the web IRIS application
- Provide an overview of the project and status of the implementation along with outlining forward goals.
- Request guidance/assistance from relevant Safety management



Web-IRIS and Federal Initiatives

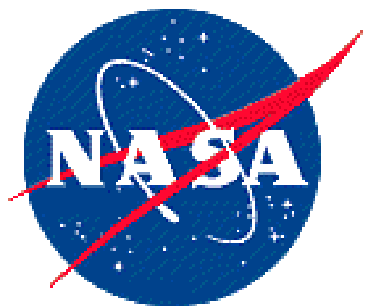


•Presidents Management Agenda

- Strategic management and preservation of human capital
- Expanded use of the internet (Electronic Government or E-Gov)

NASA's web-IRIS implementation will:

- Establish improved safety related **communications** within the agency,
- Gather real-time data**, allowing better and faster decision making,
- Reduce need for resources** to produce the current trending, analysis, reporting and communications.
- Enhancing communication between NASA and the DOL (OSHA,OWCP).
- IRIS (Ex3 EHSDMS) modules provide demonstrated capability to communicate with each other while being able to provide the security required for handling data covered under the Privacy Act and HIPAA.



SHARE

The Safety, Health, and Return-to-Employment (SHARE) Initiative

the
White House
President George W. Bush

- NASA's IRIS (EHSDMS) can produce real-time data relating to the four areas of performance:
 - Workplace injury and illness case rates
 - Lost-time injury and illness case rates
 - Timely reporting of injury and illnesses
 - Fewer lost days resulting from work injuries and illnesses
- Web-IRIS Real-time analysis, corrective action assignment and tracking, will enable NASA to create safer work environments and reduce worker's compensation costs/losses and case rates (**NASA DASHO goals**)
- NASA as a possible pilot program, could lead government agencies in participating in and accomplishing the goals of SHARE.



Web-IRIS and NASA Initiatives

CAIB Report



Commitment to a “safety culture” Fixing the Broken Safety Culture Dysfunctional Databases

Together, Code Q and Code Z can work together through use of the web-IRIS to create a disciplined safety system fostering effective communication by gathering dependable data, accessible for real-time analysis



The Objectives of web-IRIS

“the right information to the right people
at the right time”



- Improved communications

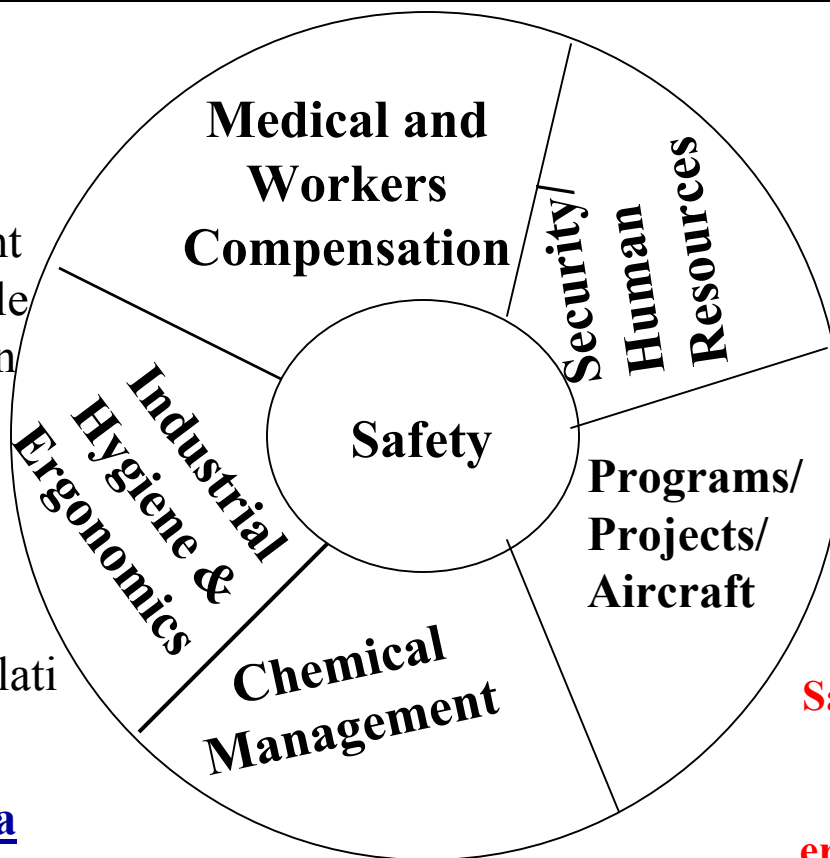
between safety, supervisors,
medical and WC

- Information access “the right
information to the right people
at the right time”. Elimination
of dysfunctional and /or
redundant databases

- Tracking and closure of
Corrective Actions

Assignment,notification,escalati
on & tracking

- Improved Reporting & data
collection Structured data entry;
trending/analysis, identification
of best practices



IRIS will meet the
requirements of [NPR
8621.1](#) which outlines
reporting and
subsequent investigation
for mishaps and close
calls including serious
workplace
hazards..[and 29CFR
1960 and 1904.](#)

**IRIS creates an
environment where
Safety, Medical, Workers
Compensation,
environmental,
ergonomic, programs and
projects can
communicate.**



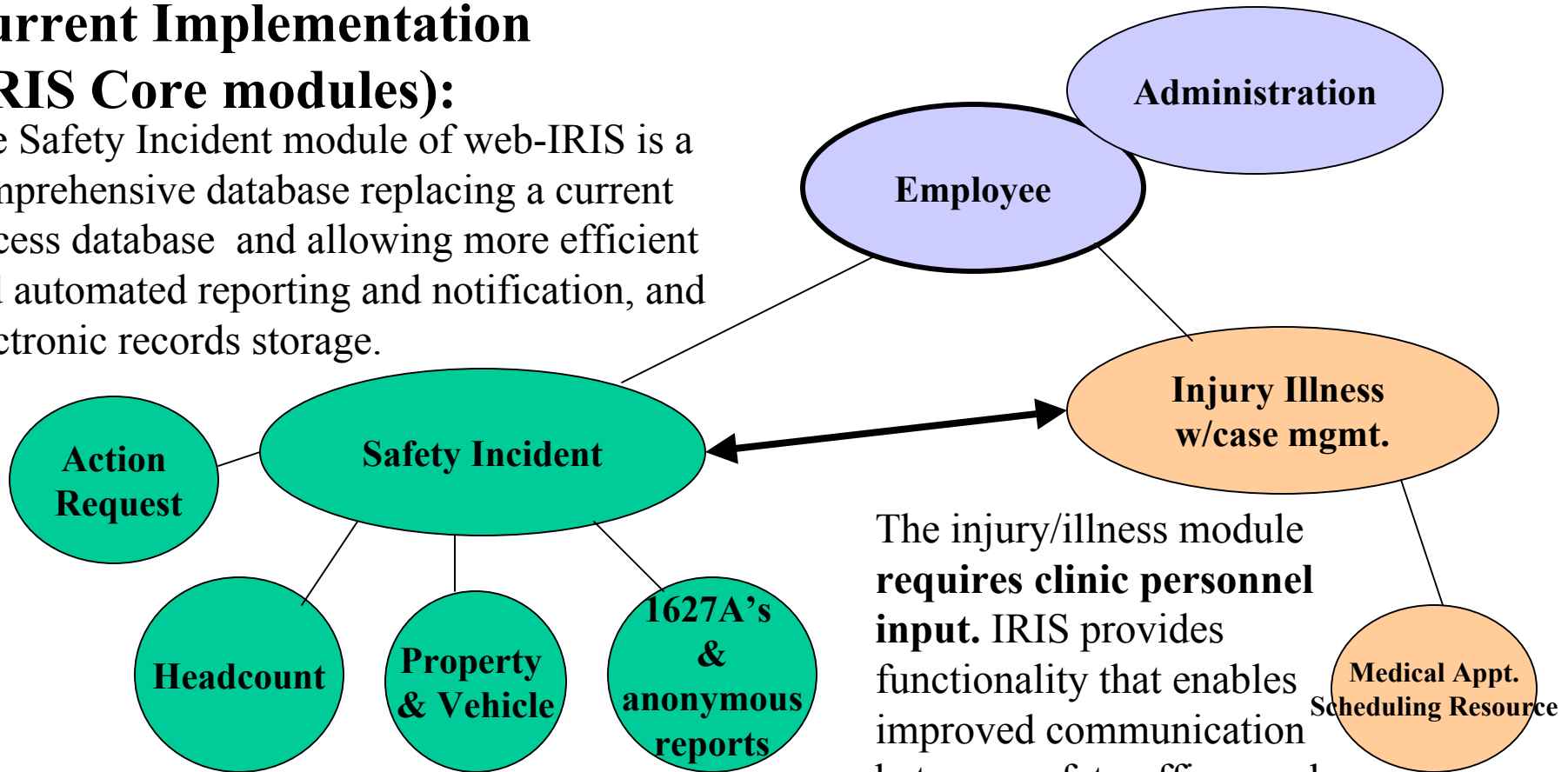
What is the web-IRIS Implementation? (Ex3's EHS DMS)



Current Implementation

(IRIS Core modules):

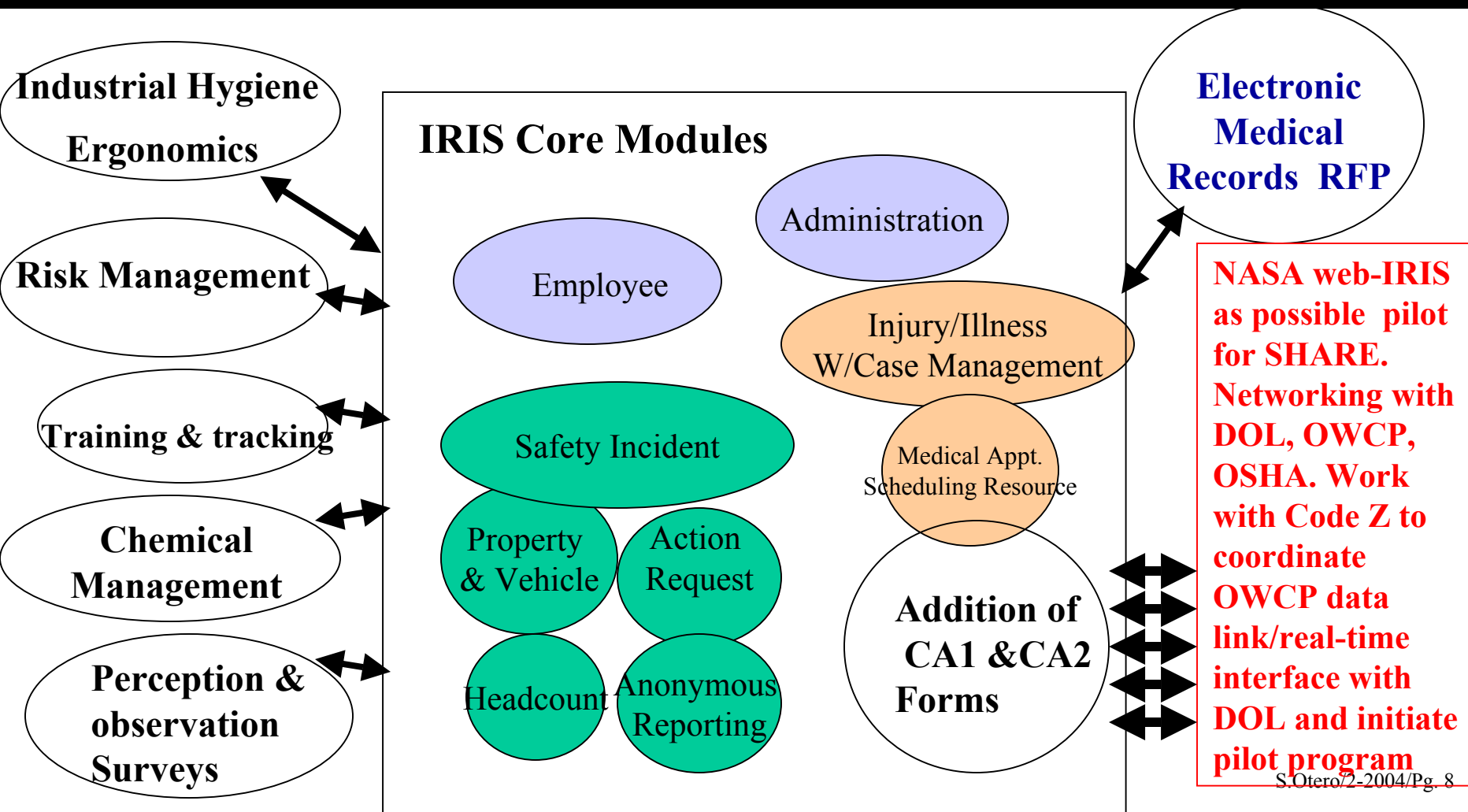
The Safety Incident module of web-IRIS is a comprehensive database replacing a current Access database and allowing more efficient and automated reporting and notification, and electronic records storage.



The injury/illness module **requires clinic personnel input**. IRIS provides functionality that enables improved communication between safety offices and clinics.



Ongoing Enhancements and Initiatives?: Knowledge portal concept

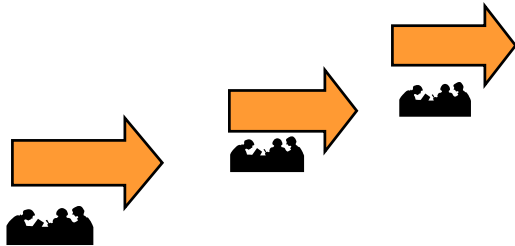




Web-IRIS Implementation

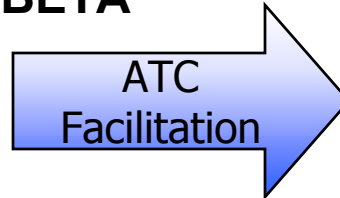


ALPHA



- Field centers identify Safety POC's
- Safety POC's identify other key players.
- These personnel make up the user's group
- Site Group gets its first look at the software

BETA



- Forms user's group and chairs IRIS Change control process
- Begins training/familiarization w/Ex3 EHSDMS at Field center
- Beta Test change request process through **OPIE** and discussed in weekly web cast meetings

PRODUCTION



- The ATC, NASA IRIS POC's and Ex3 meet to resolve challenges, review change requests, and submit final change orders to Ex3.
- POC's assume site administration.
- HELP Line number is distributed
- Post production training



Status



PHASE I: NASA HQ, KSC, MSFC, and JSC

- KSC, NASA HQ, and MSFC began operations on the Production URL on February 19th.
- Post production release training; 70 NASA and contractor personnel are IRIS certified at KSC, 30 at MSFC, 6 at NASA HQ.
- Those certified include safety, and medical/workers compensation.
- JSC pre-release training complete.
- User's group meetings continue weekly. KSC is beginning their center user's group meetings
- Ex3 Help desk is operational
- Site Administrators baptized



Status



PHASE II / III: Remaining NASA Centers

- ALPHA release training complete for all centers.
- ARC, LaRC, SSC, and DFRC advancing toward BETA release.
- GRC,WSTF,WFF, GSFC,and JPL beginning data collection.

A working relationship with DBA's and regular collection of Human Resources Data from NPPS and x500 is critical to successful production implementation of IRIS.

User complement including program and project supervisors, expected to grow to 4,000 participants agency wide.

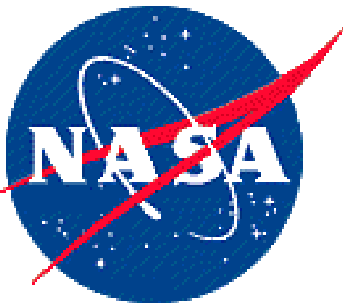


Phase II and III Status

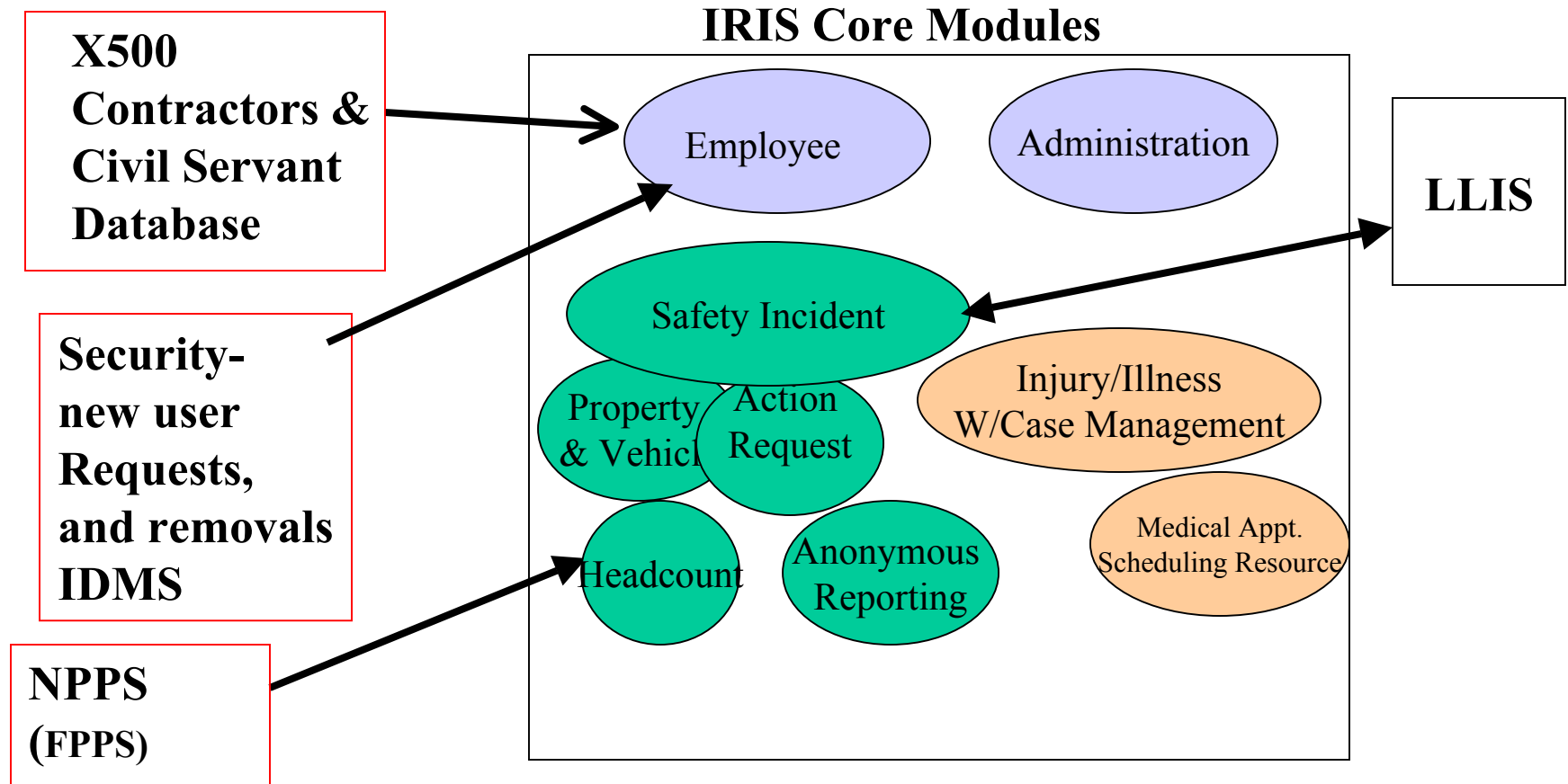


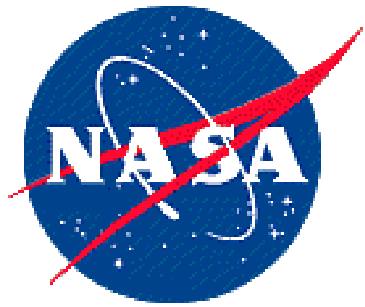
Phase II / III BETA test pre-ops

	ARC	DFRC	GRC	SSC	LaRC	GSFC	WFF	WSTF
HR Data	★	★	★	★	★	★	★	★
Contract. / NASA List	★	★	★	★	★	★	★	★
Building & Campus List	★	★	★	★	★	★	★	★
Contract list	★	★	★	★	★	★	★	★
Organization Hierarchy	★	★	★	★	★	★	★	★
Key personnel List	★	★	★	★	★	★	★	★
Existing Database list	★	★	★	★	★	★	★	★
Crud matrix (security)	★	★	★	★	★	★	★	★



Immediate Challenge: Interfaces with other Agency Systems

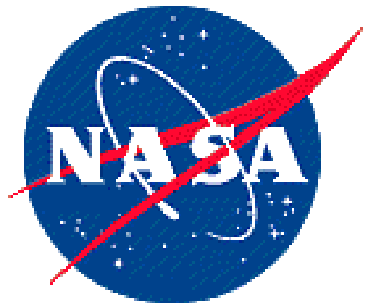




Challenges



- Obtaining HR data. (new ICD)
- Security (new user request process, user permissions maintenance)
- Post production training
- IRIS Legacy data migration
- Keeping up with agency change (reorganizations, Agency wide implementations such as IDMS, Code Z EMR, LLIS and the NPPS replacement (FPPS)).
- Implementing/reflecting ongoing process and requirement changes (NPR 86211.1, PRA, RCA)



IRIS Forward Goals



- To establish IRIS networking with OSHA, OWCP, DOL
- Obtain an agency HR interface
- Proceed toward BETA test for the remaining centers; working with the established POC's for each site
- Continue to work with Code Z and clinic/workers compensation personnel
- Finish all production rollouts by April 30th



Assistance



- All Centers brief their senior leadership, management, employee representatives, and employees on web-IRIS implementation at Center orientations, safety meetings, and recurring training, etc.